

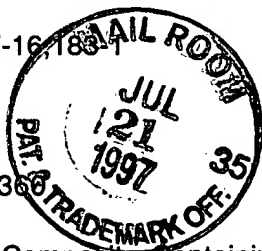
NASA Case No LEW-16,183-1

In re Application of
DellaCorte et al

Serial No.: 08/786,366

Filed: 1/16/97

for : Self-Lubricating Composite Containing Chromium Oxide
Examiner : C. Toomer



Art Unit 1111

AMENDMENT

U.S. Commissioner of Patents
Washington, D.C. 20231

Sir:

This communication is in response to an office action mailed June 10, 1997. It is respectfully requested that the above identified patent application be amended as follows:

IN THE CLAIMS.

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GROUP 1100

Cancel claims 2-4, 6-8, and 13 without prejudice to the applicant.

Please substitute the following claims for the correspondingly numbered claims presently appearing in the patent application.

Claim 1 (amended). A composite comprising;

metal bonded chromium oxide wherein the amount of said chromium oxide

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A/B
present in said composite ranges from about 20-60 wt. %, and said bonding metal is a high-temperature, high-strength and oxidation-resistant bonding metal, wherein the amount of said bonding metal present ranges from about 20-60 wt. %;

B
5-20 wt. % of a metal fluoride, wherein said metal fluoride comprises a fluoride of at least one metal selected from the group consisting essentially of a Group IA alkali earth